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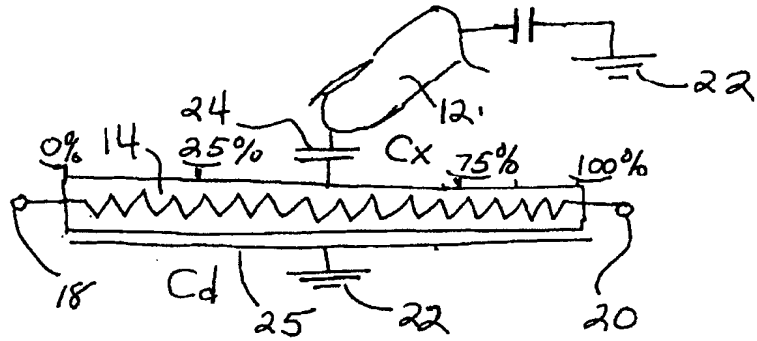


FIG. 1

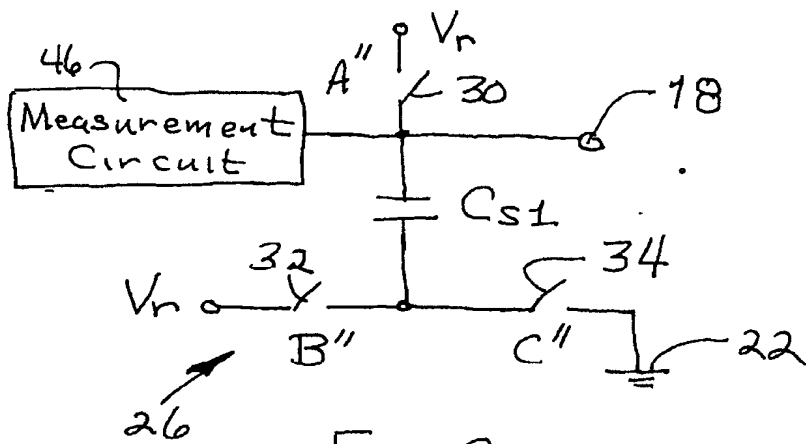
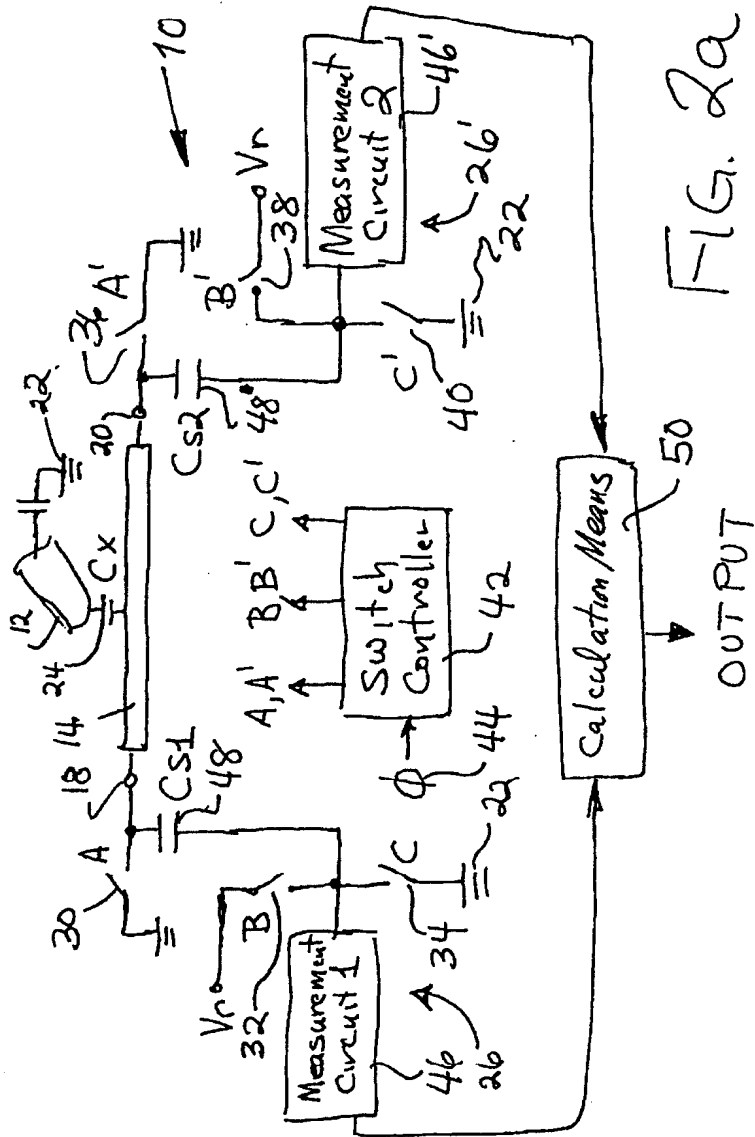


FIG 2c



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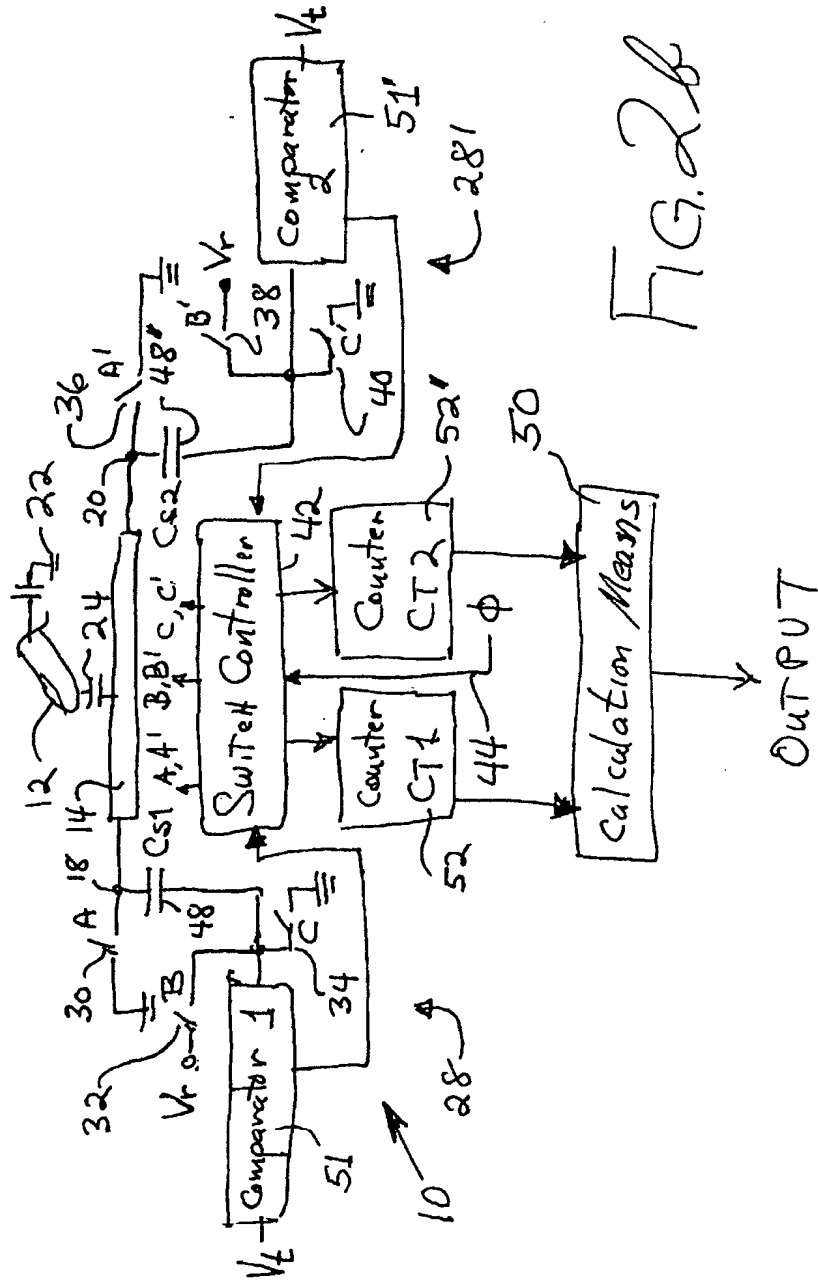


FIG. 2b

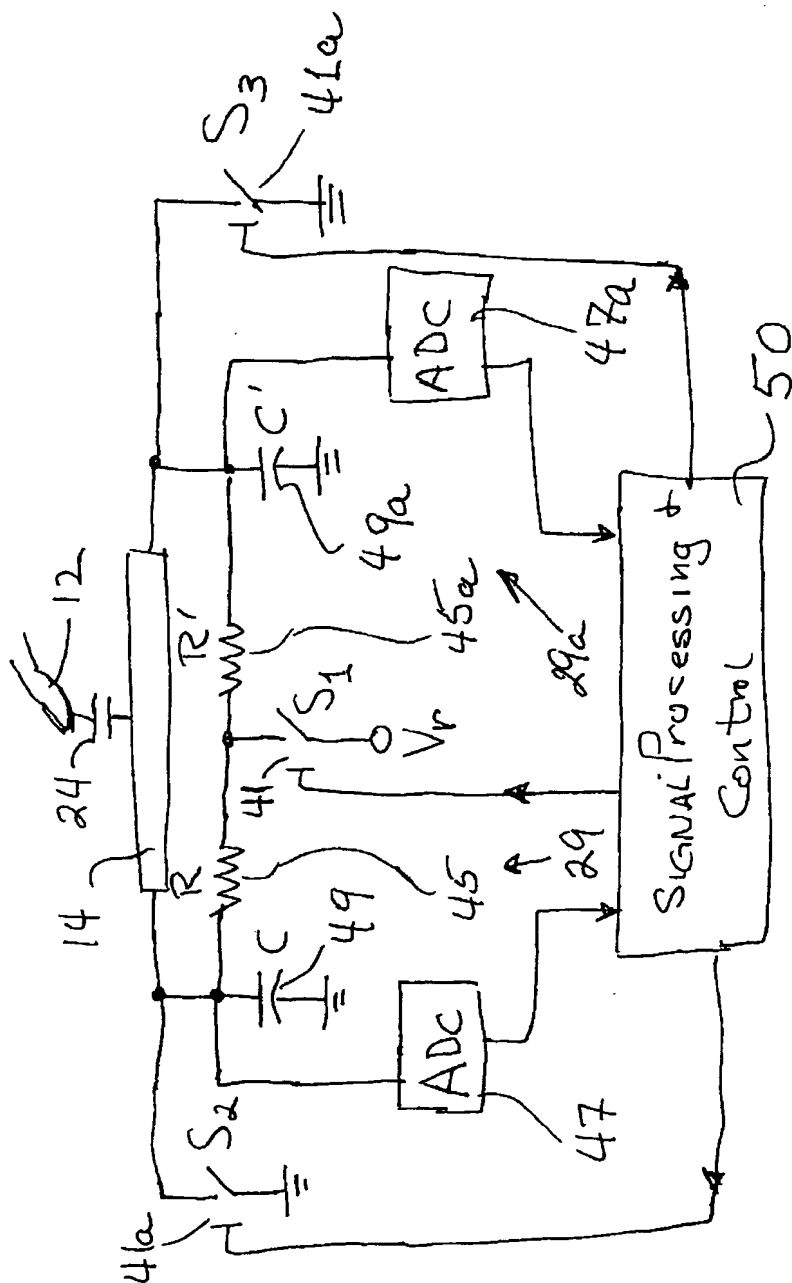


FIG. 2d

### Switching Sequence of A, A', B, B', C, C' for Figure 2A

- 1 Close A, A', C, C' (reset Cs1, Cs2)
- 2 Float all switches
- 3 Close B, B' (charge Cs1, Cs2)
- 4 Float all switches
- 5 Close A, A' (clamp strip to ground)
- 6 Measure 1, 2
- 7 goto step 1 if desired

Fig. 3a

### Switching Sequence of A, A', B, B', C, C' for Figure 2B

- 1 Reset Counters CT1, CT2
- 2 Close A, A', C, C' (reset Cs1, Cs2)
- 3 Float all switches
- 4 Close B, B' (Charge Cs1, Cs2)
- 5 Float all switches
- 6 Close A, A' (Clamp strip to ground)
- 7 if ( $V_{Cs1} < V_t$ ) then increment CT1;  
if ( $V_{Cs2} < V_t$ ) then increment CT2
- 8 If (( $V_{Cs1} < V_t$ ) OR ( $V_{Cs2} < V_t$ )) then goto step 3
- 9 Float all switches
- 10 goto step 1 to repeat (if desired)

Fig. 3b

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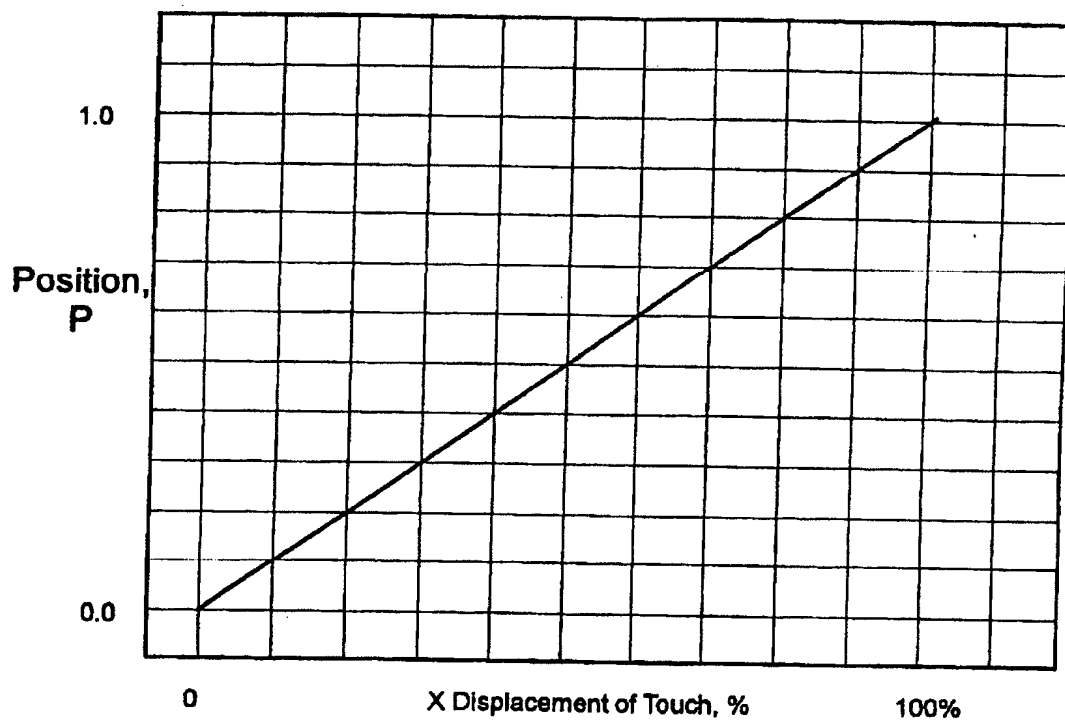
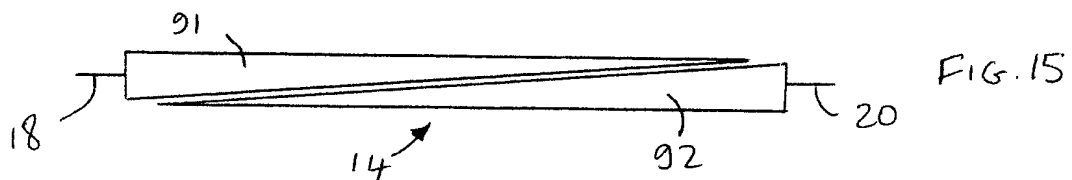
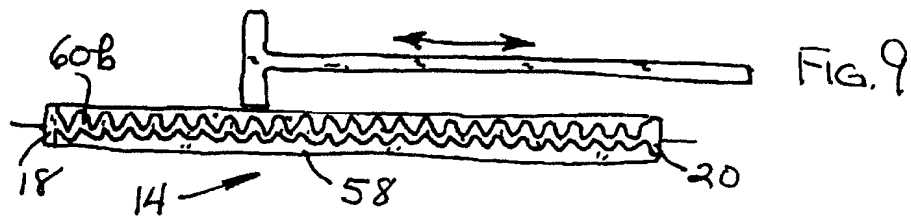
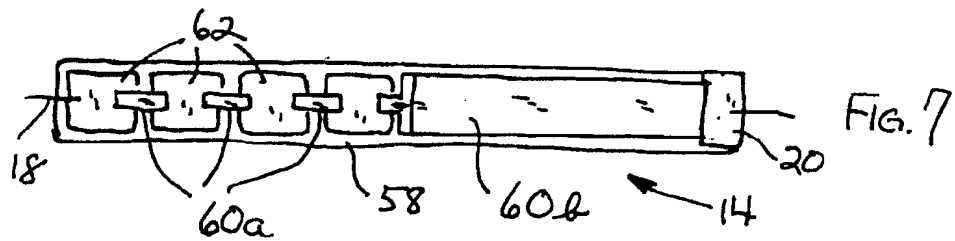
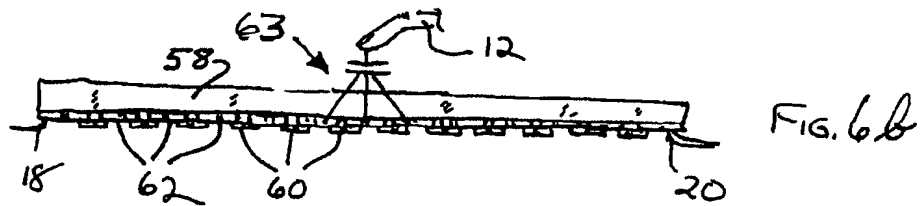
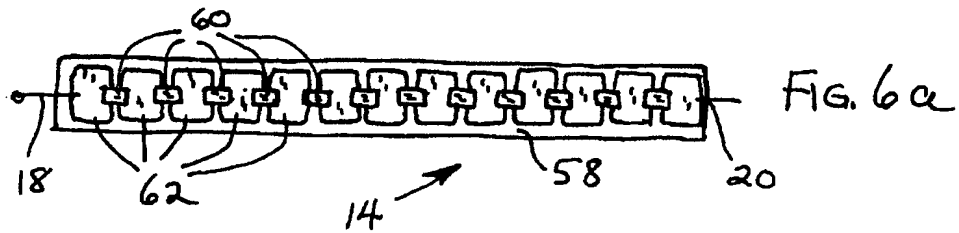
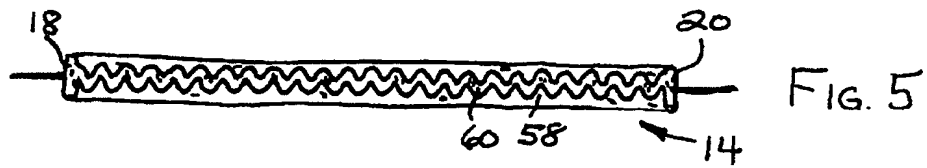


FIG. 4

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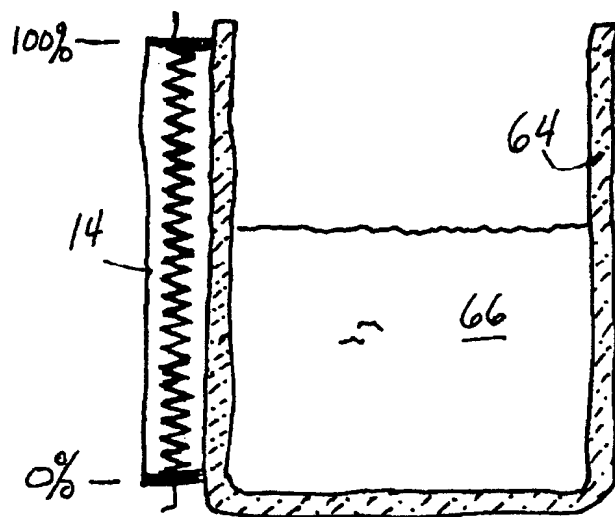


FIG. 8a

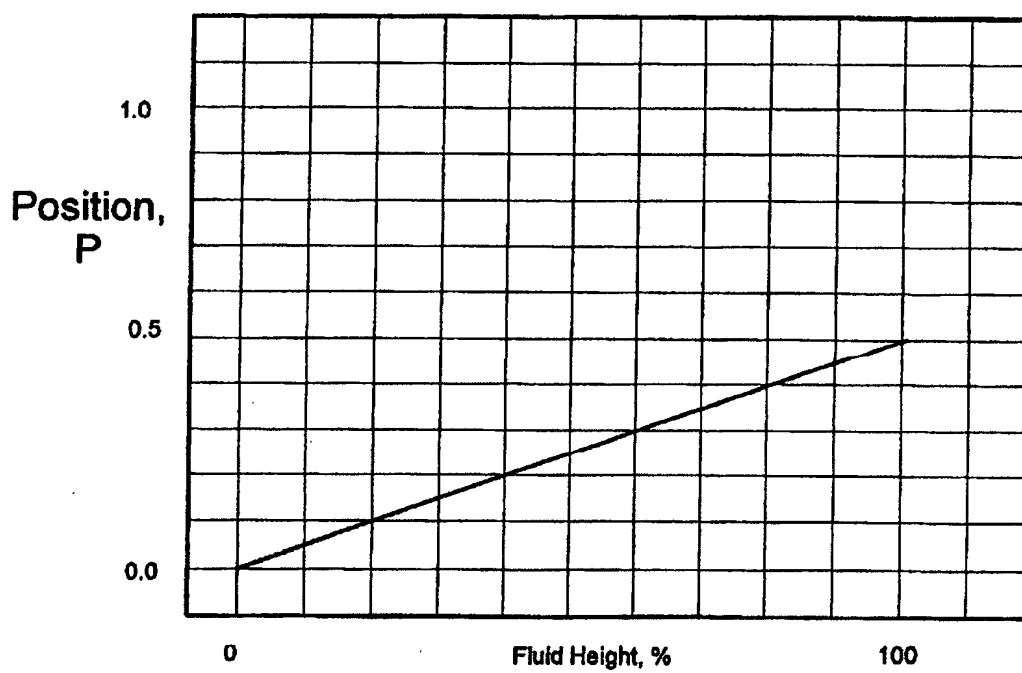
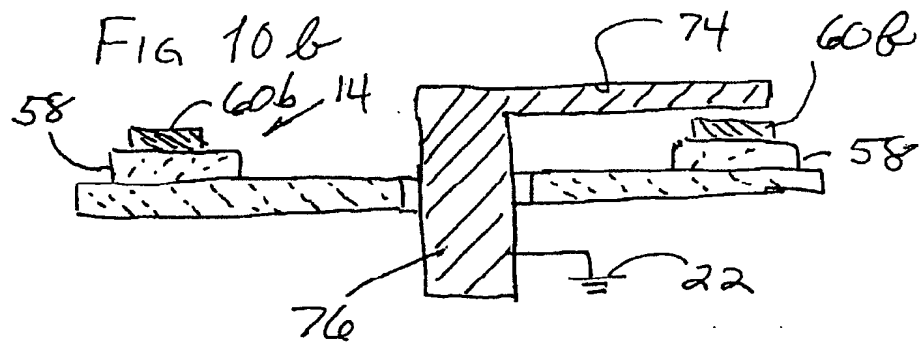
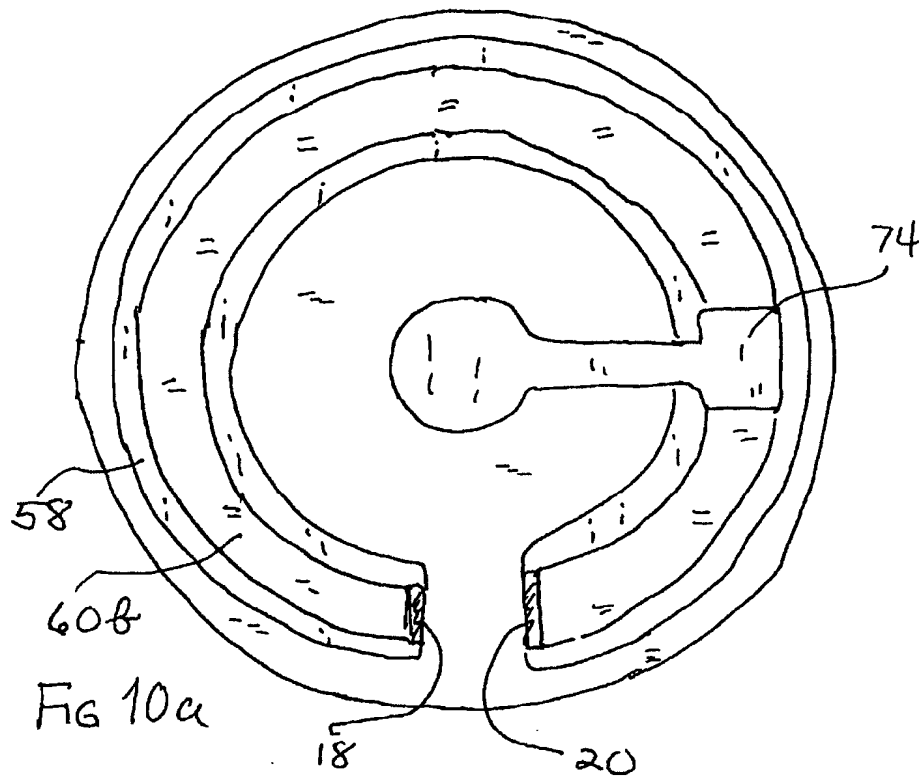


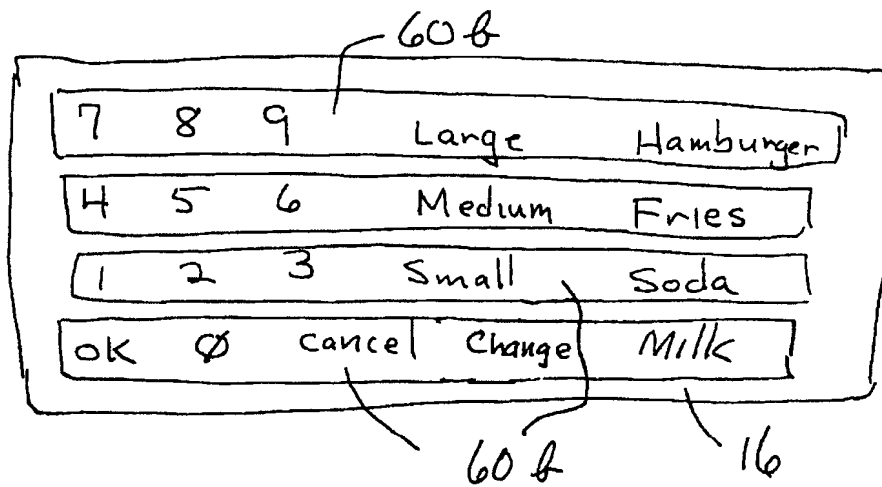
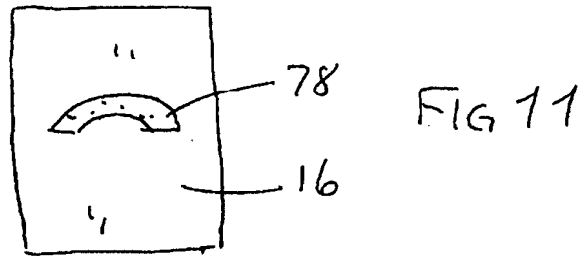
FIG 8b



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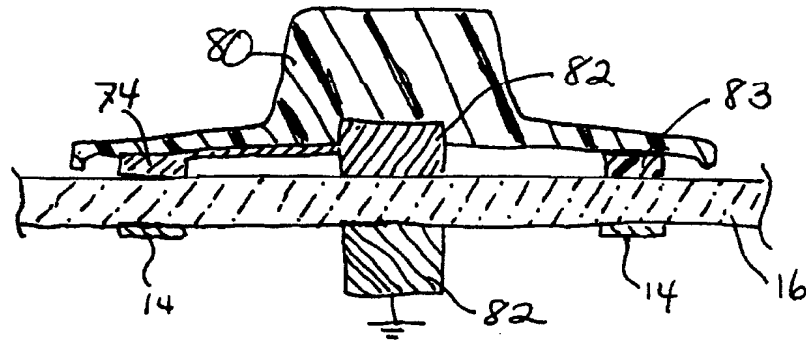


FIG. 13

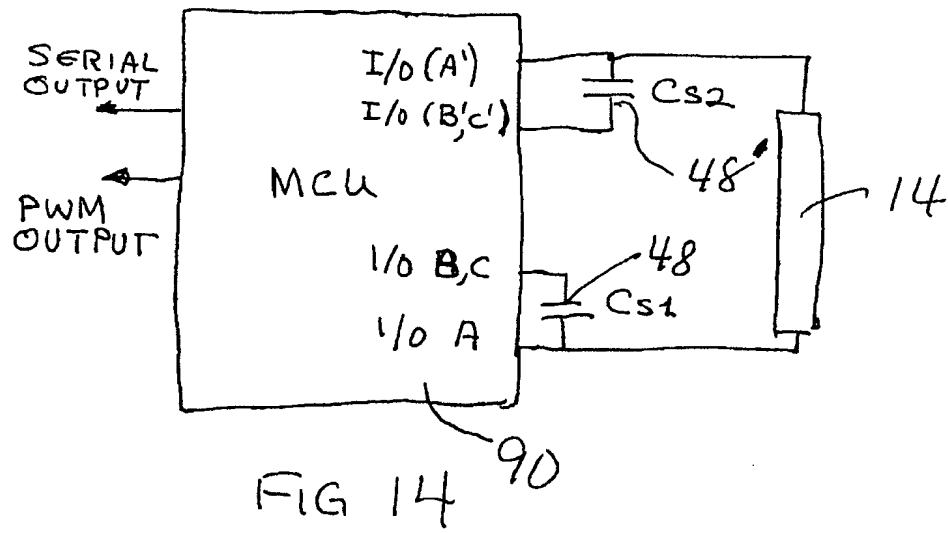


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